

LUMEAL GA

USER GUIDE



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Kit motorisation LUMEAL reference GA3700

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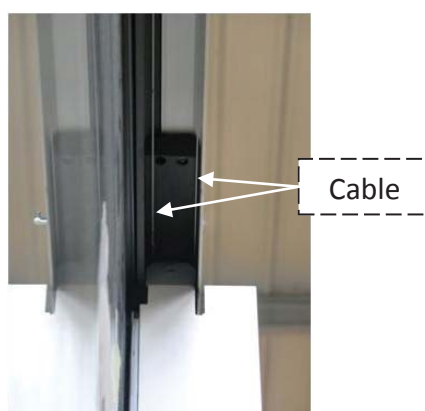
Your LUMEAL TECHNAL joinery is equipped with a motorization system allowing automatic locking/unlocking and opening/closing of the sash.

We recommend that you read this instruction manual to understand the functions of this motorization.

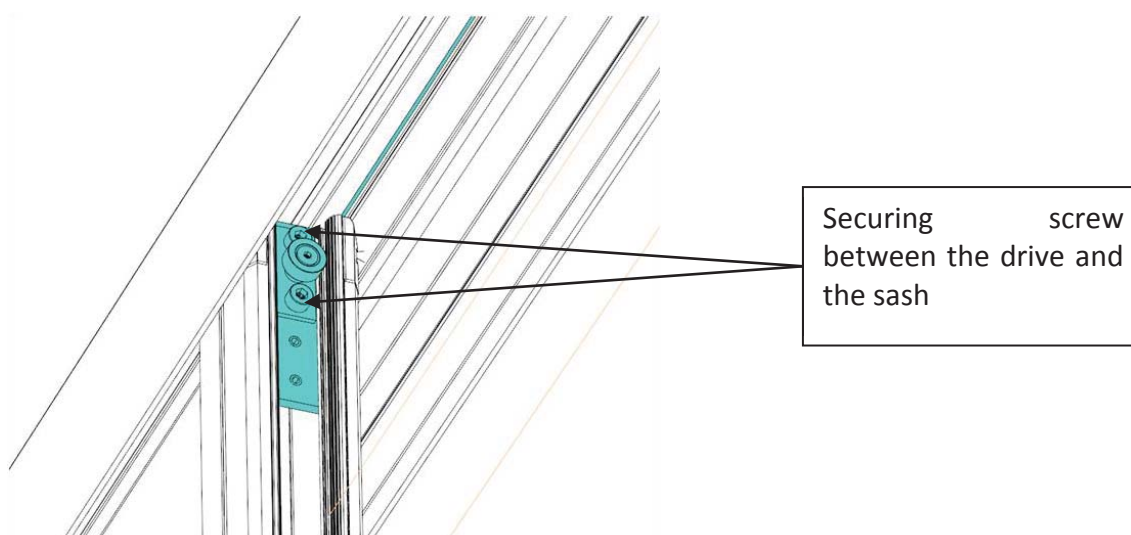
I. PRESENTATION OF MOTORIZATION

A. DRIVE

Sash drive is performed by a cable located on the upper part of the window. Ensure that you do not damage this during any cleaning or maintenance operations.



The sash is linked to the cable by the drive. If it is necessary to dismount the sash, do not forget to first disconnect the drive from the sash.



B. CONTROL

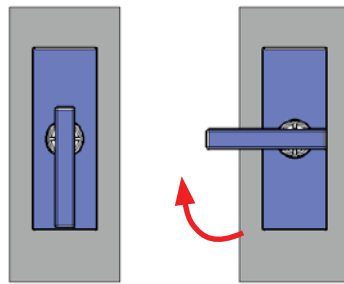
The motorization may be controlled via a switch (wired or radio-control) or a remote control comprising as a minimum an open and a close command. When a remote control or radio-control switch is replaced, it is necessary to check compatibility with the receiver. In case of doubt, consult your installer.

II. DESCRIPTION OF A COMPLETE CYCLE

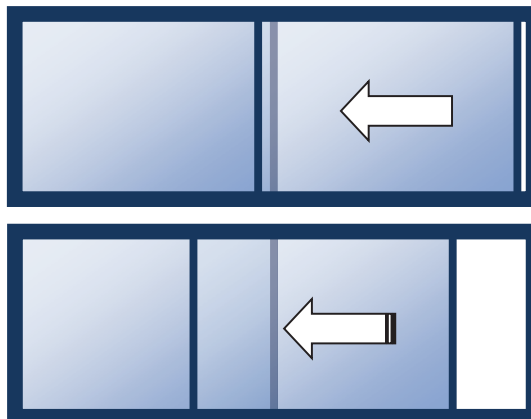
⇒ The sash is closed and locked.

👉 Opening command

1. Unlocking of the sash resulting in the movement of the handle.



2. Opening of the sash



3. Automatic stop at the end of the opening



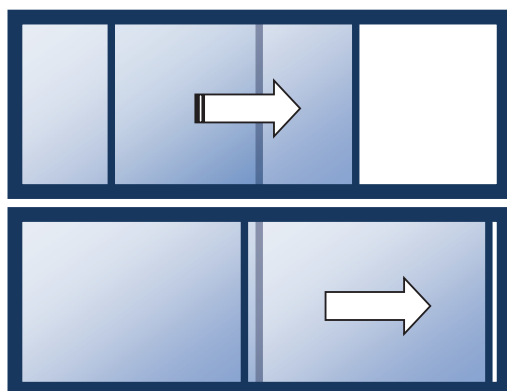
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⇒ The sash is open

👉 Closing command

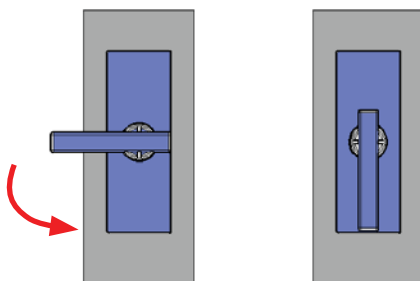
1. The sash closes



2. Automatic stop in locking position.



3. Locking of the sash resulting in the movement of the handle.

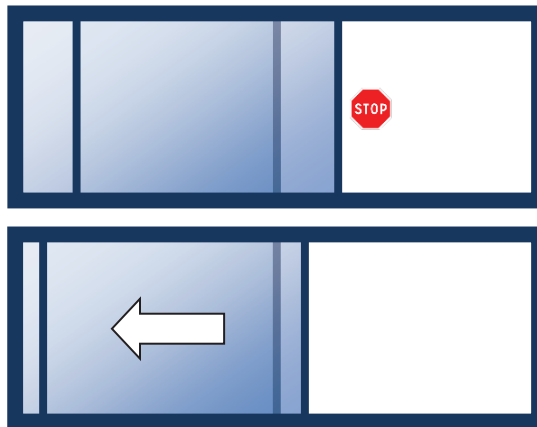


Note : sash travel speed varies over the course of the cycle

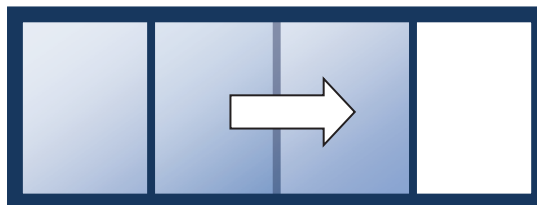
III. MAXIMUM OPENING OF THE SASH

Sash stop position on opening can vary from one cycle to another. This phenomenon is normal and does not constitute a defect. An-end-of-travel stop readjustment is performed automatically every 50 cycles.

Once the sash has stopped in its open position, it is possible to manually move the sash to the end-of-travel stop to obtain maximum opening. To do this, maintain the opening button : the sash is placed in its maximum opening position (in contact with the end-of-travel stop).



Note : after this operation, on closing, movement is performed at low speed.



IV. STOPPING THE SASH DURING MOVEMENT

The sash may be stopped at any time during its opening or closing travel via the control point. The sash then always re-starts movement at low speed, in either direction, up to its completely closed or open position.

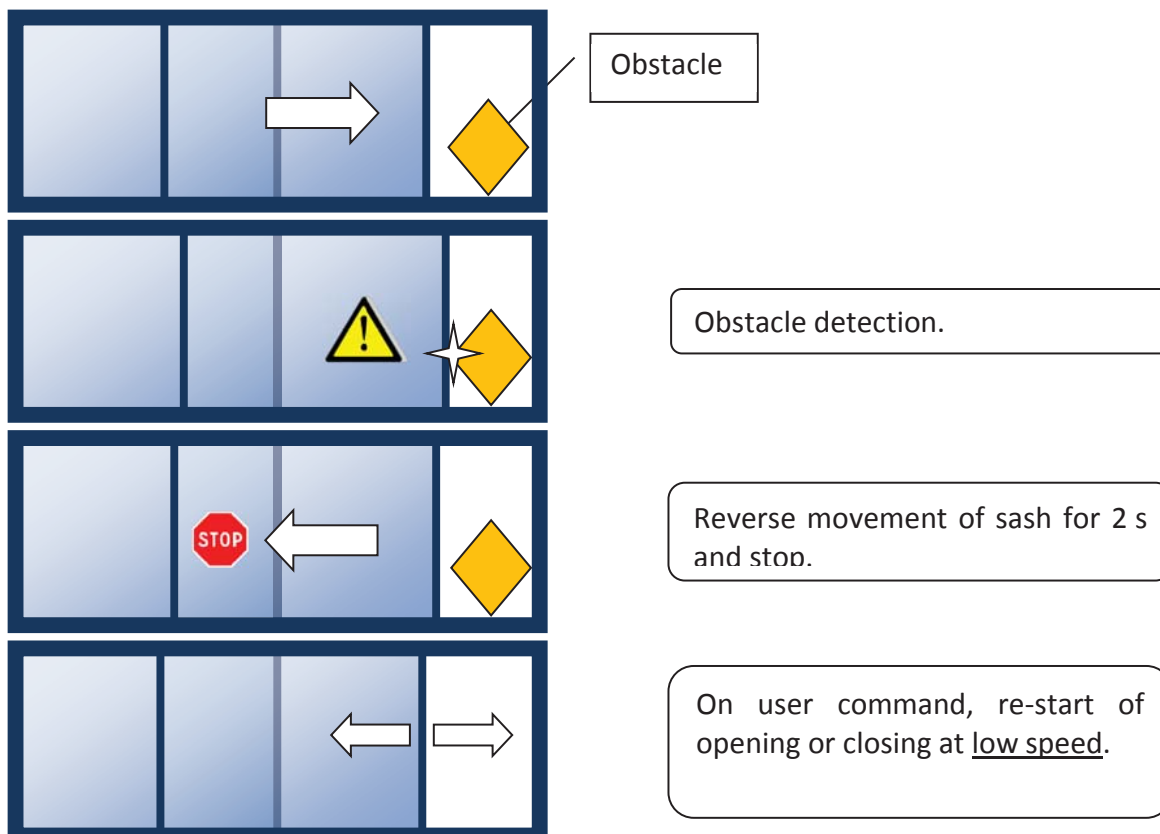
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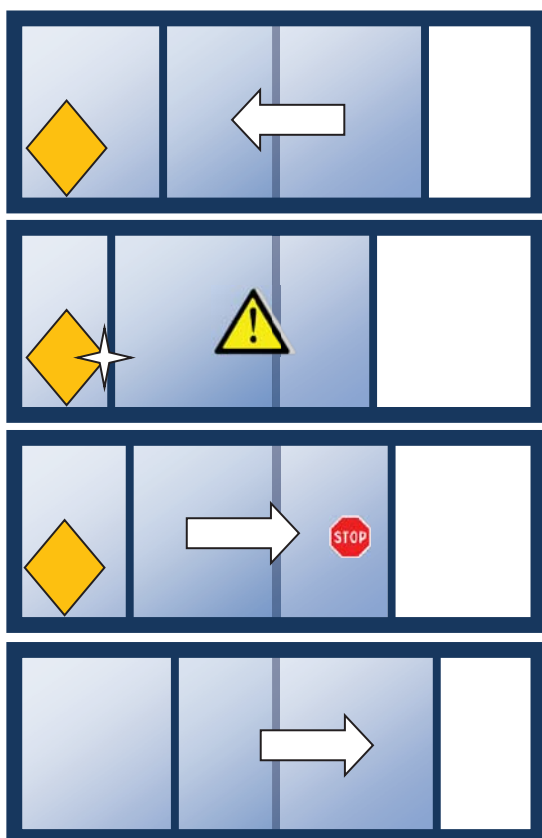
V. ANTI-PINCHING

The motorization automatically detects any obstacles during opening or closing.

During closing



During opening



Obstacle detection.

Reverse movement of sash for 2 s and stop.

On user command, re-start of closing only and at low speed.

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VI. OTHER FUNCTIONS

A. AUTOMATIC ADJUSTMENT

After an obstacle-triggered stop during opening, the motorization will automatically perform a learning cycle (sensing of opening and closing stops) over the next complete cycle.

A learning cycle is also automatically initiated every 50 cycles.

B. FREQUENCY OF USE

To avoid any damage related to excessive motor heating, motorization use frequency is limited to three open-close cycles over a period of 5 minutes. Beyond this limit, degraded mode is enabled: the user can open or close but must hold the command button down. The sash now only moves at low speed and a beep is heard.

Degraded mode is disabled automatically after 10 minutes without sash movement.

C. MANUAL OPERATION

In the event of a power cut or motorization problem, it is possible to manually lock and unlock the sash using the lock button on the joinery.

The sash can also be moved manually.

Caution: Manually moving the motorized sash must only be performed if absolutely necessary and does not under any circumstances represent an alternative to motorized operation: it is recommended to leave the sash closed until the problem has been resolved.

The manual movement of the sash requires a certain amount of force and must be performed as progressively as possible and without sudden jerks.

D. LOCKING FAULT

On opening, if unlocking does not occur normally, 3 beeps sound and the sash does not move.

→ Make another attempt to open using the control point. If this fails, unlock manually using the lock button.

On closing, if locking does not occur normally, a slow beep sounds for 5 minutes or until the sash is locked correctly.

→ Perform locking either manually using the lock button, or by restarting a cycle using the control point.

In the event of repeated improper operation, contact your installer.

VII. MAINTENANCE

The motorization does not require any particular maintenance.

Ensure that the lower rail is kept as clean as possible so that the sash slides as easily as possible.

In the event of a significant drop in sash travel speed or motorization malfunction, contact your installer who will perform a system verification.



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